

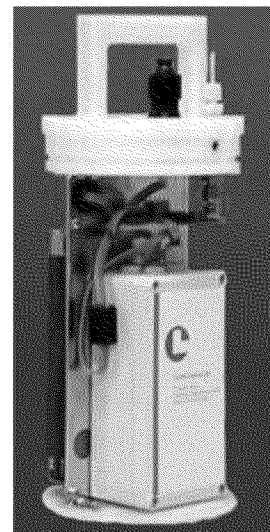
www.coastal-usa.com

Coastal's MacroTide

- Description:** Coastal's MacroTide and MacroTide+ record pressure levels in aquatic environments for tidal measurements using either an ICS Strain Gauge Pressure Sensor or a high-precision Paroscientific Digiquartz Sensor.
- Capacity:** 200K standard
Optional (Compact Flash Cards): 8MB, 16MB, etc.
- Housing:** **Diameter** – 5.5 in.
Length – 14 in. (including handle)
Weight – 15 lbs. in air
Material– Stainless steel and UHMW plastic housing
MacroTide+ length is 15.5 in., weight is 17 lbs. in air
- Power:** User replaceable standard alkaline D cells
- Interface:** Wizard IBM PC compatible software
ASCII data files in engineering units
User controlled sampling parameters and sensor functions
- Clock:** Solid state real time, accuracy one minute per year
- Standard:** **Pressure, Standard** – ICS Strain Gauge
Temperature, Internal – YSI Thermister
- Optional:** **Pressure, High Precision** – Paroscientific Digiquartz
Standard, MacroTide+
- Optional:** **Temperature, External** – YSI Thermister
Additional External Pressure – ICS Strain Gauge



Coastal MacroTide
Exterior(above), Interior(below)



Function	Sensor (*optional)	Range	Accuracy	Resolution	Units
Pressure, Standard	IC Sensors Strain Gauge, piezoresistive	30, 50, 100, 250	0.1%	12 bit	psia
Temperature	Internal YSI Thermister	-5° to 35°	0.1°	.02 typ	°C
Pressure, High Precision	*Paroscientific Digiquartz	900<	0.015%	16 bit	psia

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